

Title (en)
Handling device

Title (de)
Handhabungsvorrichtung

Title (fr)
Dispositif de manipulation

Publication
EP 2578500 A1 20130410 (EN)

Application
EP 12197823 A 20091113

Priority

- IT MO20080306 A 20081127
- IT MO20080308 A 20081127
- IT MO20080309 A 20081127
- EP 09801255 A 20091113

Abstract (en)
A packing apparatus is described comprising two handling devices (10) arranged facing one another, each handling device comprising first and second pushing means (12) respectively configured for folding a first and a second flap of a carton and supporting means (34; 35) configured for supporting said first pushing means with the possibility of adjusting the mutual distance between said first and second pushing means. [Fig. 6].

IPC 8 full level
B65B 23/20 (2006.01); **B65B 13/18** (2006.01); **B65B 41/06** (2006.01); **B65B 49/08** (2006.01)

CPC (source: EP)
B65B 13/181 (2013.01); **B65B 23/20** (2013.01); **B65B 27/02** (2013.01); **B65B 41/06** (2013.01); **B65B 49/08** (2013.01)

Citation (applicant)
WO 2007148183 A1 20071227 - F T P AUTOMAZIONI S P A [IT], et al

Citation (search report)

- [A] DE 4114896 A1 19921112 - BUCKERT HELMUT [DE]
- [A] EP 0994043 A1 20000419 - GOMES TECHNOLOGY S P A [IT]
- [A] DE 3743797 A1 19890706 - BUCKERT HELMUT [DE]
- [A] DE 1081372 B 19600505 - BERNING & SOEHNE
- [A] EP 1481903 A1 20041201 - AETNA GROUP SPA [IT]
- [A] FR 2621895 A1 19890421 - PARISOT STE NLE FABRIQUES MEUB [FR]
- [A] US 1929161 A 19331003 - COFFIN GEORGE F, et al

Cited by
WO2016055876A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2010061312 A2 20100603; **WO 2010061312 A3 20100729**; **WO 2010061312 A8 20110630**; BR PI0920903 A2 20151229; BR PI0920903 B1 20190212; CN 102227353 A 20111026; CN 102227353 B 20131120; EP 2373544 A2 20111012; EP 2373544 B1 20130320; EP 2578500 A1 20130410; EP 2578501 A1 20130410; ES 2414179 T3 20130718; MX 2011005660 A 20110817; PL 2373544 T3 20130830; PT 2373544 E 20130606; RU 2011125806 A 20130110; RU 2536445 G2 20141227

DOCDB simple family (application)
IB 2009055064 W 20091113; BR PI0920903 A 20091113; CN 200980147408 A 20091113; EP 09801255 A 20091113; EP 12197823 A 20091113; EP 12197869 A 20091113; ES 09801255 T 20091113; MX 2011005660 A 20091113; PL 09801255 T 20091113; PT 09801255 T 20091113; RU 2011125806 A 20091113